

REMARKS

Claims 1-7 are all the claims pending in the application and stand rejected. Applicants thank the Examiner for indicating that the Formal Drawings filed August 30, 2006, are accepted. Applicants also thank the Examiner for considering the references cited with the Information Disclosure Statement filed August 30, 2006. Applicants also thank the Examiner for indicating that claims 3-7 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim Rejection - 35 U.S.C. § 103(a)

The Examiner rejected claims 1-2 under § 103(a) as being unpatentable over Masashi et al. (JP 2002111250; “Masashi”) in view of Kledzik et al. (US 6,487,078; “Kledzik”). Applicant respectfully traverses this rejection for the reasons set forth below.

Claim 1 recites, *inter alia*, a resin-made and insulating heat shield inserted between the printed circuit board and the first main unit. The Examiner asserts that Masashi teaches the use of a resin-made and insulating heat shield inserted between the printed circuit board and the first main unit. See Office Action page 4. Further, the Examiner asserts that Kledzik teaches the conventionality of having a heat shield which has a lead hole for allowing a lead to pass therethrough. The Examiner concludes that Masashi and Kledzik, viewed in combination, show that it would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Masashi and Kledzik to provide protection for the leads. *Id.*

In contrast, Applicants respectfully submit that neither Masashi nor Kledzik teach the use of a resin-made and insulating heat shield inserted between the printed circuit board and the first

main unit. Rather, Masashi teaches the use of a “fixing spacer” 141 inserted between a module 121 and a printed circuit board 111. (*see* Masashi paragraph [0014]-[0016]). The function of this fixing spacer 141 is to prevent solder crack associated with the weight of the heat sink 131, (*see* Masashi paragraph [0009], and to reduce the continuous or intermittent vibration of a compressor or fan, *see* Masashi paragraph [0011]. Additionally, Masashi fails to disclose that this fixing spacer 141 is made of resin. Thus, Masashi fails to disclose or even fairly suggest the recited resin-made and insulating heat shield.

Additionally, Kledzik fails entirely to teach the use of a resin-made insulating heat shield. The Examiner relies on Kledzik’s dielectric body 101 as corresponding to the recited heat shield. However, in contrast, Applicants respectfully submit Kledzik fails to support that this dielectric body 101 functions as a heat shield. Moreover, Kledzik fails to disclose that this dielectric body is disposed between a printed circuit board and a first main unit, as recited in claim 1.

Consequently, the Examiner has failed to establish a *prima facie* case of obviousness because the applied references, Masashi and Kledzik, taken either alone or in combination, fails to disclose or even fairly suggest the use of a resin-made and insulating heat shield inserted between the printed circuit board and the first main unit. Thus, the applied combination fails to disclose all the features recited in independent claim 1.

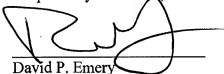
Thus, Applicants submit that claim 1 is patentably distinguishable over Masashi in view of Kledzik for at least this reason. Additionally, Applicants submit claims 2-7 are patentable at least by virtue of their dependency.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'David P. Emery', is written over a horizontal line.

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Date: September 19, 2008